

1 3. The subject matter of claim 1 or 2, wherein the
2 first computer transmits the proposed synchronization mode
3 and the at least one operation as a single message.

1 4. The subject matter of claim 1 or 2, wherein the
2 first computer and the second computer communicate via a
3 message layer having a latency and wherein the first and the
4 second databases are synchronized independently of the
5 latency of the message layer.

1 5. The subject matter of claim 3, wherein a
2 plurality of the operations are concatenated in the single
3 message.

1 6. The subject matter of claim 1 or 2, wherein
2 each of the operations is associated with at least one
3 record in at least one of the first and second databases.

1 7. The subject matter of claim 1 or 2, wherein
2 each of the records comprises a unique record identifier.

1 8. The subject matter of claim 1 or 2, wherein the
2 second computer returns to the first computer a confirmation
3 message confirming a successful execution of the
4 synchronization.

1 9. The subject matter of claim 8, wherein the
2 second computer returns the confirmation message to the

3 first computer not before receiving a subsequent
4 synchronization request from the first computer.

1 10. The subject matter of claim 8, wherein the
2 second computer confirms a successful execution of only the
3 last received operation and wherein the confirmation of the
4 last received operation is indicative of the successful
5 execution of all operations received by the second computer.

1 11. The subject matter of claim 1 or 2, wherein the
2 operations comprise at least one of adding, deleting,
3 archiving and modifying records in at least one of the first
4 and second databases.

1 12. The subject matter of claim 1 or 2, wherein the
2 confirmation message comprises at least one operation
3 operative on a record stored in the first database.

1 13. The subject matter of claim 12, wherein the
2 operations comprise at least one of adding, deleting,
3 archiving or modifying records in at least one of the first
4 and second databases.

1 14. The subject matter of claim 1 or 2, wherein the
2 second computer proposes to the first computer a second
3 synchronization mode if the first proposed synchronization
4 mode transmitted by the first computer is unacceptable to
5 the second computer.

1 15. The subject matter of claim 1 or 2, wherein the
2 first computer is a mobile computer .

1 16. The subject matter of claim 1 or 2, wherein the
2 second computer is a host computer.

1 17. The subject matter of claim 1 or 2, wherein the
2 first computer comprises at least one first broker for
3 managing the first database.

1 18. The subject matter of claim 1 or 2, wherein the
2 second computer comprises at least one second broker for
3 managing the second database.

1 19. The subject matter of claim 18, wherein the
2 second broker is capable of interpreting and executing the
3 proposed synchronization mode and the at least one operation
4 received from the first computer.

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1. A method for synchronizing a first database
residing on a first computer with a second database residing
on a second computer, the method comprising:

the first computer transmitting to the second
computer a proposed synchronization mode and at least one
operation operative on a record stored in the second
database; and

the second computer returning to the first computer
a confirmation message accepting the proposed
synchronization mode,

wherein the at least one operation is transmitted to
the second computer before the second computer returns to
the first computer the confirmation message accepting the
proposed synchronization mode.

2. A computer program, residing on a
computer-readable medium, for synchronizing a first database
residing on a first computer with a second database residing
on a second computer, comprising instructions for causing:

the first computer to transmit to the second
computer a proposed synchronization mode and at least one
operation operative on a record stored in the second
database; and

the second computer to return to the first computer
a confirmation message accepting the proposed
synchronization mode,

wherein the at least one operation is transmitted to
the second computer before the second computer returns to
the first computer the confirmation message accepting the
proposed synchronization mode.